AMENDMENTS TO THE CLAIMS:

Listing of Claims

Claims 1-69 (cancelled).

70. (new) A halogen-containing polymer composition comprising

(a) a halogen-containing polymer and

(b) a heat stabilizing amount of a shelf stable haze free liquid of an overbased alkaline earth metal salt of a fatty acid prepared according to the process of

(i) reacting an alkaline earth metal base and a fatty acid with an equivalent ratio of metal base to fatty acid being greater than 1:1 in the presence of liquid hydrocarbon,

(ii) carbonating the mixture to produce amorphous alkaline earth metal carbonate,

(iii) adding during carbonation a dispersion of alkaline earth metal base, a liquid hydrocarbon and an aliphatic alcohol having at least 8 carbon atoms in relative amounts at a controlled rate of alkaline earth metal base addition to produce a stable haze free liquid reaction product, and

(iv) removing water from the reaction product to obtain a shelf stable haze free liquid overbased alkaline earth metal salt.

71. (new) The halogen-containing polymer composition of claim 70 wherein the process further comprises filtering the liquid reaction product to produce a thermodynamically stable liquid at a product filtration rate of at least about 300 ml per 10 minutes.

72. (new) The halogen-containing polymer composition of claim 70 wherein said fatty acid is a C_{12}-C_{22} fatty acid.

73. (new) The halogen-containing polymer composition of claim 70 wherein said fatty acid is oleic acid.

74. (new) The halogen-containing polymer composition of claim 70 wherein the process further comprises removing water to provide a microemulsion product having less than about 1% by weight water of the total product.

75. (new) The halogen-containing polymer composition of claim 70 wherein said alkaline earth metal is selected from the group consisting of calcium, barium, magnesium and strontium.

76. (new) The halogen-containing polymer composition of claim 70 wherein said alkaline earth metal is calcium.

77. (new) The halogen-containing polymer composition of claim 70 wherein the overbased salt is calcium oleate/carbonate.

78. (new) The halogen-containing polymer composition of claim 70 wherein the overbased salt which is essentially free of a phenol or phenolic derivative.

79. (new) The halogen-containing polymer composition of claim 70 wherein said aliphatic alcohol has 8 to 14 carbon atoms.

80. (new) The halogen-containing polymer composition of claim 79 wherein the alcohol is isodecanol.

81. (new) The halogen-containing polymer composition of claim 80 wherein the continuous phase further contains a glycol or a glycol ether.

82. (new) The halogen-containing polymer composition of claim 81 wherein the glycol or glycol ether is selected from the group consisting of diethylene glycol monobutyl ether, triethylene glycol, dipropylene glycol, diethylene glycol monomethyl ether, ethylene glycol monobutyl ether, and mixtures thereof.

83. (new) The halogen-containing polymer composition of claim 70 wherein the process comprises reacting on the basis of the final reaction mixture an amount of an alkaline earth metal base selected from the group consisting of about 15-30% calcium hydroxide, about 12-24% magnesium hydroxide, about 25-50% strontium hydroxide, and about 35-50% barium hydroxide, and mixtures thereof.

84. (new) The halogen-containing polymer composition of claim 83 wherein the alkaline earth metal base is calcium hydroxide and the fatty acid is oleic acid.

85. (new) A halogen-containing polymer composition comprising

(a) a halogen -containing polymer and

(b) a heat stabilizing amount of a shelf stable haze free liquid of an overbased calcium oleate/carbonate prepared according to the process of

(i) reacting calcium hydroxide base and oleic acid with an equivalent ratio of the base to the acid being greater than 1:1 in the presence of a mixture of liquid hydrocarbon and catalyst,

(ii) carbonating the mixture to produce amorphous calcium carbonate,

(iii) adding during carbonation a dispersion of calcium hydroxide, liquid hydrocarbon and cosurfactant aliphatic alcohol having at least

8 carbon atoms in relative amounts at a controlled rate of calcium hydroxide addition to produce a stable haze free liquid reaction product, and

(iv) removing water from the reaction product to provide a shelf stable haze free overbased calcium oleate/carbonate.

86. (new) The halogen-containing polymer composition of claim 85 wherein the process further comprises the step of filtering the liquid reaction product to remove byproducts or impurities.

87. (new) The halogen-containing polymer composition of claim 85 wherein the process is conducted essentially free of a phenol or a phenolic derivative.

88. (new) The halogen-containing polymer composition of claim 85 wherein the catalyst is selected from the group consisting of propionic acid, citric acid, acetic acid and adipic acid.

89. (new) The halogen-containing polymer composition of claim 85 wherein the surfactant is calcium oleate borne by the reaction of the base and the oleic acid *in situ*.

90. (new) The halogen-containing polymer composition of claim 85 wherein the cosurfactant is an aliphatic alcohol having 8 to 14 carbon atoms.

91. (new) The halogen-containing polymer composition of claim 90 wherein the alcohol selected is isodecanol in the presence of diethylene glycol monobutyl ether and triethylene glycol.

92. (new) The halogen-containing polymer composition of claim 85 wherein the haze free liquid calcium oleate is a microemulsion having amorphous calcium carbonate within the micelles of the microemulsion.

93. (new) The halogen-containing polymer composition of claim 85 wherein after the addition of the dispersion and carbonation with carbon dioxide the mixture contains

about 15-30% calcium oleate,

about 9-35% calcium carbonate,

about 30-35% hydrocarbon oil,

about 15-18% idodecanol, and

about 4-6% glycol or glycol ether.

94. (new) The halogen-containing polymer composition of claim 93 wherein the dispersion contains about 40-50% calcium hydroxide, about 25-40% hydrocarbon oil, about 10-25% isodecanol and about 0-10% glycol or glycol ether.

95. (new) A halogen-containing polymer composition containing a mixed metal stabilizer comprising

a metal compound stabilizer selected from the group consisting of compounds of antimony, barium, calcium, cadmium, zinc, lead, strontium, bismuth and tin, and

a halogen-containing polymer composition of claim 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, or 94, said metal compound stabilizer and said liquid overbased salt in relative amounts for stabilizing the halogen-containing polymer.